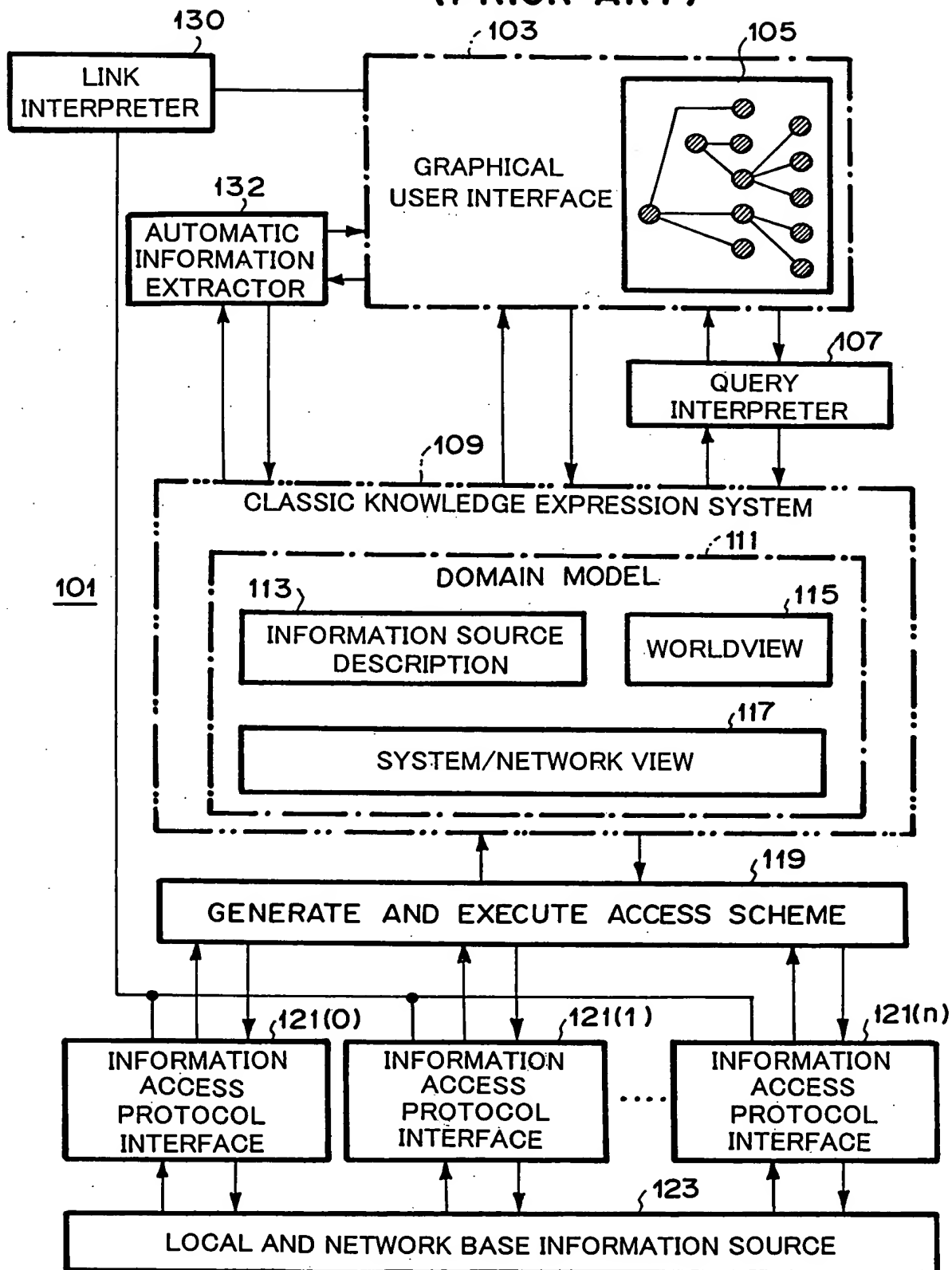


FIG. 1
(PRIOR ART)



663021" 55245460

FIG. 2
(PRIOR ART)

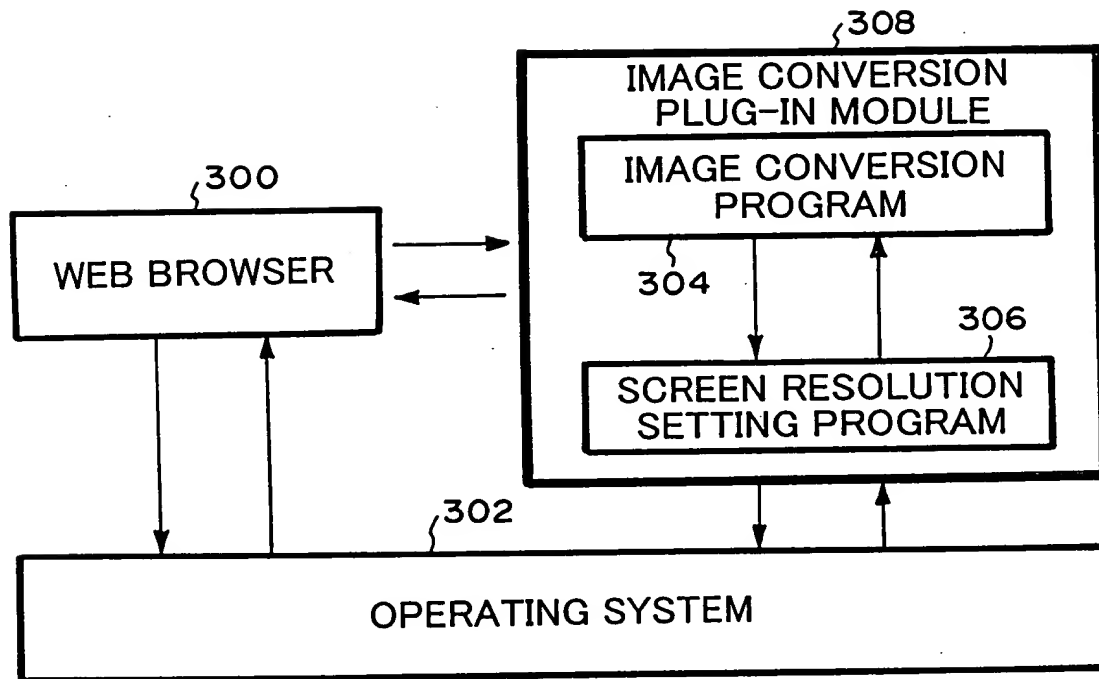


FIG. 3

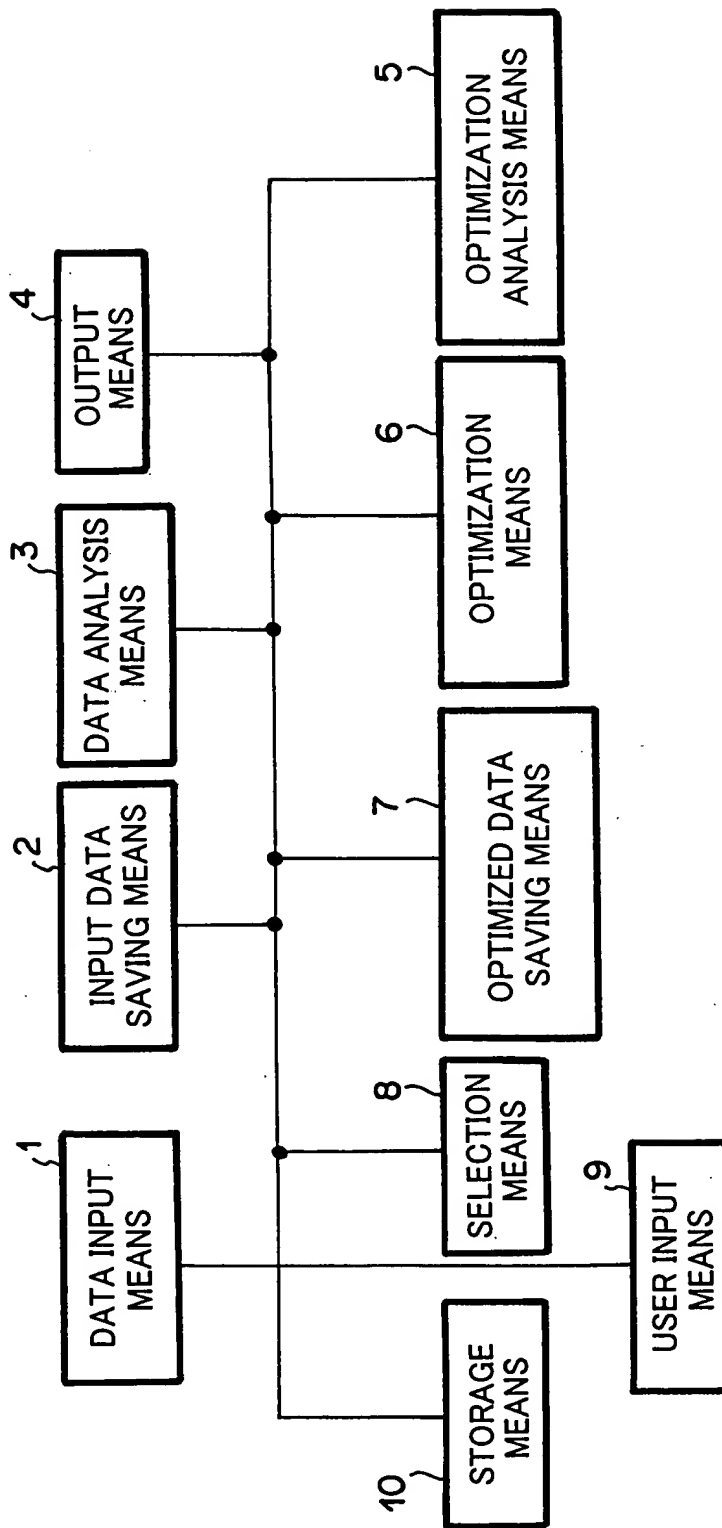


FIG. 4

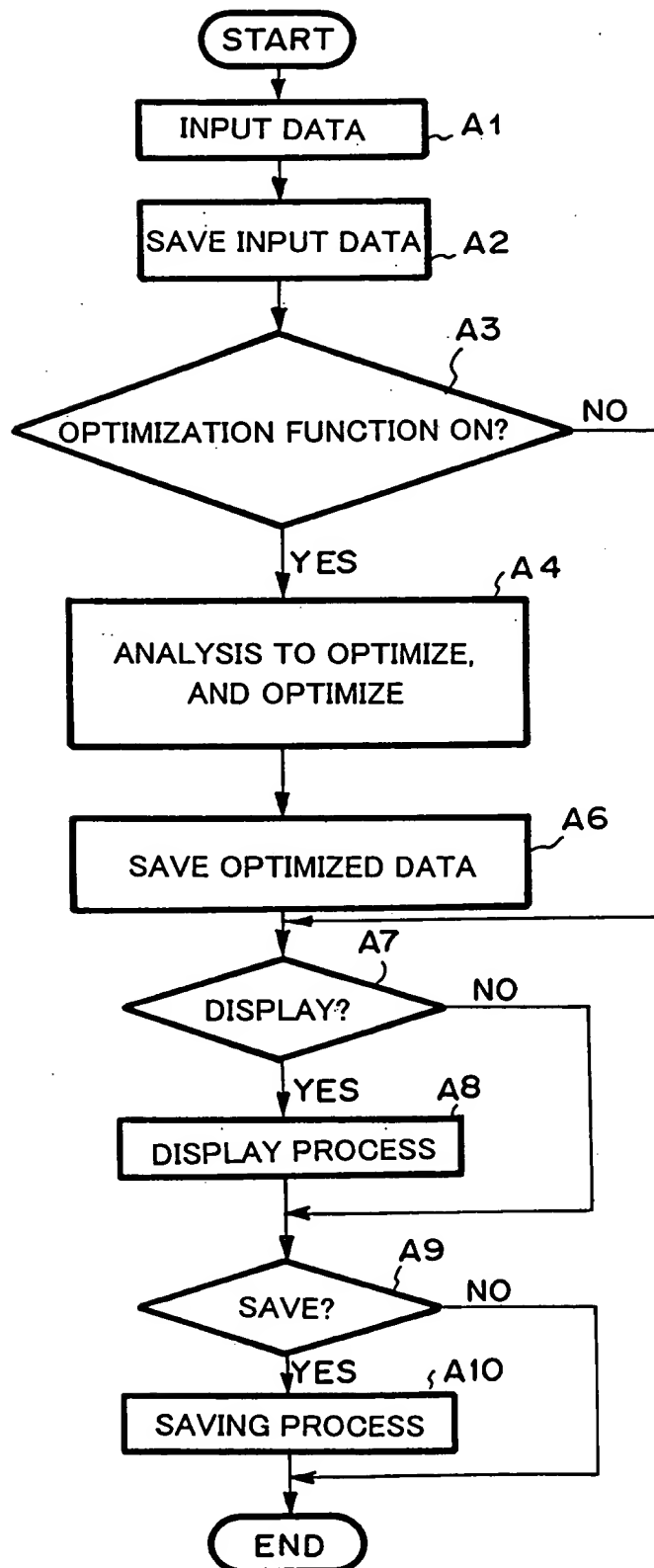


FIG. 5

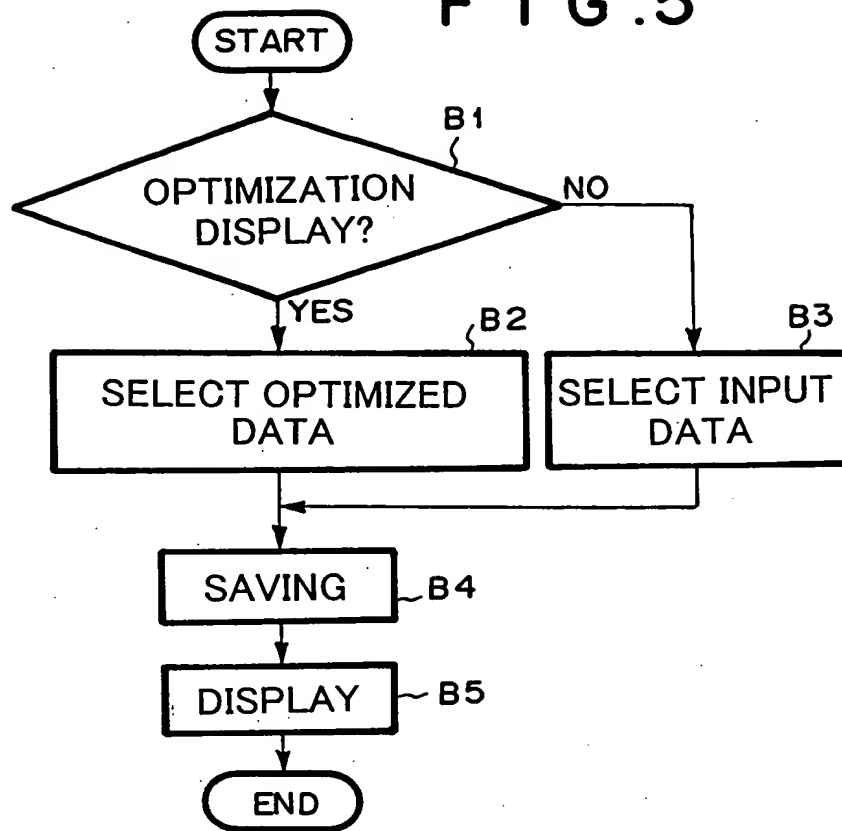
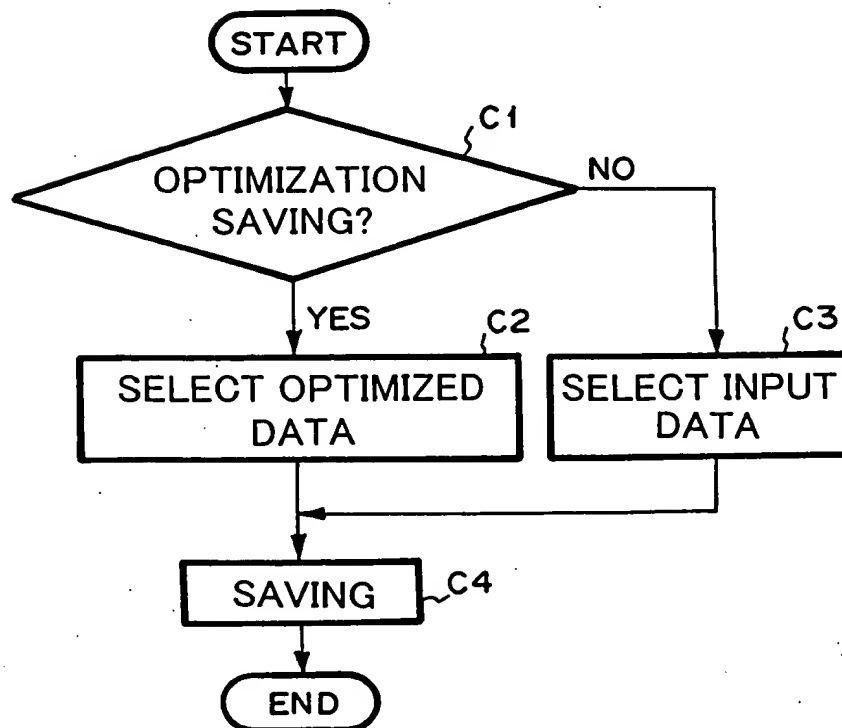


FIG. 6



F I G . 7

51

USE OF OPTIMIZATION FUNCTION

☒ ON☐ OFF

USE FOR DISPLAY

☒ ON☐ OFF

USE FOR SAVING

☐ ON☒ OFF

FIG. 8⁶¹

| OPTIMIZATION ANALYSIS CONTENTS | METHOD AND PROCESS NUMBERS |
|---|--|
| 1. PLURAL OBJECTS SUPERIMPOSE, DISPLAY TIMES FOR OTHER OBJECTS ARE COMPLETELY INCLUDED WITHIN A DISPLAY TIME FOR THE UPPER MOST OBJECT, A SIZE OF THE UPPER MOST OBJECT IS LARGER THAN SIZES OF OTHER OBJECTS, AND THE UPPER MOST OBJECT HIDES OTHER OBJECTS EVEN CONSIDERING DISPLAY LOCATIONS | |
| 1-1. THE UPPER MOST OBJECT IS NOT TRANSPARENT NOR TRANSLUCENT | PROCESS 1 FOR OTHER OBJECTS |
| 1-2. IF THE UPPER MOST OBJECT IS TRANSPARENT OR TRANSLUCENT, THEN REMOVING THE UPPER MOST OBJECT AND ANALYZING THE ANALYSIS CONTENTS 1 FOR THE REMAINING PLURAL OBJECTS | |
| 2. PLURAL OBJECTS SUPERIMPOSE IN TIME AND SPATIALLY, AND THE UPPER MOST OBJECT IS TRANSPARENT OR TRANSLUCENT | |
| 2-1. A MOTION PICTURE IS CONTAINED | PROCESS 2 FOR ALL OBJECTS OVER THE ENTIRE SUPERIMPOSING TIME |
| 2-2. NO MOTION PICTURE IS CONTAINED | PROCESS 3 FOR ALL OBJECTS OVER THE ENTIRE SUPERIMPOSING TIME |
| : | : |
| N. A DISPLAY TIME FOR AN OBJECT IS SET COMPLETELY EXCESSIVE THE WHOLE DISPLAY TIME RANGE | PROCESS 1 FOR THAT OBJECT |

FIG. 9

71

| PROCESS NUMBERS | OPTIMIZATION PROCESS CONTENTS |
|-----------------|---|
| PROCESS 1 | DELETING OBJECT |
| PROCESS 2 | MAKING OVER A MOTION PICTURE CONSISTING OF PLURAL SUPERIMPOSED OBJECTS INTO A NEW MOTION PICTURE |
| PROCESS 3 | MAKING OVER A STILL PICTURE CONSISTING OF PLURAL SUPERIMPOSED OBJECTS INTO A NEW STILL PICTURE |
| ⋮ ⋮ ⋮ | ⋮ ⋮ ⋮ |
| PROCESS N | CONTENTS N |

F I G.10

81

<START OF DATA>
<DISPLAY ALL OF THE FOLLOWING DATA FROM 0 TO 10 MIN.>
<STILL PICTURE FILE AAA, DISPLAY FROM 5 MIN. TO 10 MIN., COORDINATES (10, 10), SIZE 20 x 30, PRIORITY 2>
<TEXT FILE BBB, DISPLAY FROM 7 MIN. TO 9 MIN., COORDINATES (10, 10), SIZE 10 x 10, PRIORITY 3>
<MOTION PICTURE FILE CCC, DISPLAY FROM 5 MIN. TO 10 MIN., COORDINATES (10, 10), SIZE 20 x 40, PRIORITY 1, TRANSLUCENT>
<MOTION PICTURE FILE DDD, DISPLAY FROM 15 MIN. TO 20 MIN., COORDINATES (0, 0), SIZE 10 x 10, PRIORITY 1>
<END OF DATA>

F I G.11

91

<START OF DATA>
<MOTION PICTURE FILE XXX, DISPLAY FROM 5 MIN. TO 10 MIN., COORDINATES (10, 10), SIZE 20 x 40, PRIORITY 1>
<END OF DATA>

FIG. 12

